98-323638/29 HENK 96.12.07 HENKEL KGAA *DE 19650952-A1

96.12.07 96DE-1050952 (98.06.10) A61K 7/48

Skin, body or hair care products - comprise separate aqueous and oil phase components squeezed out together as single strand from tube dispenser

C98-099623

Addnl. Data: HEIDE B, BORDAT P

Skin or body care product comprises two separate plastic flowing components filled into a tube, from which they can be pressed out together as a parallel, concentric or striped strand containing both components. The first component comprises a continuous aqueous phase and the second component comprises a continuous oil phase.

The product is a two phase skin cream. Hair care products can also be formulated.

ADVANTAGE

The products form an attractive (e.g. different coloured) product strand, and different active substances that normally react with each other or become deactivated over long periods of storage can be

2 wt.% tocopheryl acetate, 5 wt.% propylene glycol, 0.5 wt.% MgSO4,

D(8-B3, 8-B9A)

applied to the skin.

PREFERRED PRODUCT

The two phases are differently coloured or pigmented. The aqueous phase is an aqueous gel or an oil-in-water (O/W) emulsion and the oil phase is a thickened oil or a water-in-oil (W/O) emulsion. The two phases have a flow limit of 50-500 Pa at 20°C.

EXAMPLE

An O/W carrier creme comprising 8 wt.% stearic acid, 1.5 wt.% cetyl/stearyl alcohol, 2 wt.% ethoxylated (20 moles EO) cetyl/stearyl alcohol, 5 wt.% 2-octyl dodecanol, 3 wt.% cera alba, 10 wt.% paraffinum liquidum, 0.3 wt.% p-hydroxybenzoic acid propyl ester, 2 wt.% tocopheryl acetate, 1 wt.% benzophen-3-one, 5 wt.% propylene glycol, 5 wt.% glycerine, 0.3 wt.% p-hydroxybenzoic acid methyl ester, 0.3 wt.% triethanolamine and balance H2O was filled into a tube dispenser according to DE-A-3841775, along with a W/O strip creme comprising 8 wt.% 'Dehymuls F' (TM), 5 wt.% shea butter, 10 wt.% petrolatum, 5 wt.% paraffinum liquidum, 0.3 wt.% methyl parabenem, DE 19650952-A+

1 wt. % phenoxyethanol, 0.5 wt. % Acid Orange 24 and balance H₂O. The tube, which had a capacity of 125 ml, was filled with 118 ml of the O/W (day) creme and 7 ml W/O (night) creme. Squeezing the tube expelled a square strand of O/W creme with an orange coloured strip of W/O creme along one edge of the strand. The phase boundary between the strand and strip remained stable for 4 weeks. (TF) (3pp2382DwgNo.0/0)

DE 19650952-A